

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of scanning comprising the steps of:

providing a scanning apparatus (10) having a scanning device (18) and a rotatable sample ~~mount~~ mount, at least a portion of the scanning device being linearly displaceable in a direction toward and away from an article held by the mount, (14) whereby the scanning device and mount are relatively displaceable in a direction parallel to along the a rotary axis (48) of the mount; mount, wherein, if the mount is rotated, a slice scan of the article is produced and, if the mount is rotated and the scanning device and mount are relatively displaced by movement in the direction parallel to the rotary axis, a helical scan of the article is produced;

locating ~~an the~~ article (22) on the sample mount such that a first part of the article is scannable by the scanning ~~device (18); device;~~

scanning the first part of the article;

relatively displacing the article with respect to the scanning device whereby a second part of the article is scannable;

noting the relative displacement between the article and the scanning device; and

scanning the second part.

2. (Currently Amended) A method according to claim 1 wherein, the article (22) is secured to a ~~receptacle (40,140,240);~~ receptacle.

3. (Currently Amended) A method according to claim 2 wherein, the receptacle (40,140,240) is mounted with respect to a ~~slide (38,138,238);~~ slide.

4. (Currently Amended) A method according to claim 1 wherein, the article is composed of at least two separate parts (~~32A,32B,34~~) whereby during the scanning of the first part, a second part is removed from the receptacle.

5. (Withdrawn - Currently Amended) A scanner for the scanning of articles comprising:

a scanning apparatus (~~10~~) having a scanning device (~~18~~) and a rotatable sample mount, the scanning apparatus being linearly displaceable in a direction toward and away from an article mounted on the rotatable sample mount, (~~14,420~~) whereby, the scanning device and mount are further being relatively displaceable by movement in a direction along parallel to the a rotary axis (~~48~~) of the mount; wherein, if the mount is rotated, a slice scan of the article is produced and, if the mount is rotated and the scanning device and mount are relatively displaced by movement in the direction parallel to the rotary axis, a helical scan of the article is produced.

a receptacle (~~40,140,240,400~~) mounted on the sample mount, the receptacle being capable of securely accommodating an article (~~30~~); article; and

an actuator (~~146,246~~) for linearly displacing the receptacle whereby, actuation of the actuator displaces the receptacle and any article secured thereto, with respect to the sample mount.

6. (Withdrawn) A scanner according to claim 5 wherein, the article is elongate and the displacement by the actuator is along an axis defined by the elongate axis of the elongate article.

7. (Withdrawn - Currently Amended) A scanner according to claim 5 wherein, the actuator is a micrometer (~~146~~); micrometer.

8. (Withdrawn - Currently Amended) A scanner according to claim 5 including a measurement feature ~~(50,60,146,246)~~ which measures relative positions of different parts of the article.

9. (Withdrawn - Currently Amended) A scanner according to claim 8 wherein, the measurement feature is a micrometer ~~(146)~~ or a set of Vernier callipers ~~(60)~~; calipers.

10. (Withdrawn) A scanner according to claim 5 wherein, the actuator is manual.

11. (Withdrawn) A scanner according to claim 5 wherein, the actuator is automatic.

12. (Withdrawn) A scanner according to claim 5 wherein, the receptacle has a plurality of defined positions with respect to the sample mount.